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Page 2 (Third Preliminary Amendment - November 17, 1995)

-- 307. (New) The nucleotide of claim 272 wherein said chemical linkage comprises or includes an olefinic bond at the  $\partial$ -position relative to P, or any of the moieties:

-  $CH = CH_2 - NH - ,$ 

- CH = CH - CH<sub>2</sub> - NH - ,

- CH = CH - CH<sub>2</sub> - O - CH<sub>2</sub> - CH - CH<sub>2</sub> - NH -

- S -, - C - O and - O - - -

Enz-5(D5)(C2)